

Result No.	Query			DB	ID	Description
	Score	Match	Length			
1	38.2	2.7	4403765	4	US-09-103-840A-2	Sequence 2, Appli
2	38.2	2.7	4411529	4	US-09-103-840A-1	Sequence 1, Appli
C 3	37.4	2.7	18609	4	US-08-943-731-1	Sequence 1, Appli
4	36.2	2.6	913	4	US-08-818-112-16	Sequence 16, Appl
5	36.2	2.6	913	4	US-08-818-111-16	Sequence 16, Appl
6	36.2	2.6	913	4	US-09-056-556-16	Sequence 16, Appl
7	36.2	2.6	913	4	US-09-072-596-16	Sequence 16, Appl
8	35.8	2.5	2413	4	US-09-613-182-10	Sequence 10, Appl
9	34.2	2.4	786	1	US-08-403-379A-2	Sequence 2, Appli
10	34.2	2.4	786	2	US-08-929-414-2	Sequence 2, Appli
11	33.8	2.4	1473	4	US-09-230-665-3	Sequence 3, Appli
C 12	33.6	2.4	2521	4	US-09-115-446-1	Sequence 1, Appli
C 13	33.6	2.4	2526	4	US-09-115-446-5	Sequence 5, Appli
C 14	33.6	2.4	4403765	4	US-09-103-840A-2	Sequence 2, Appli
15	33.4	2.4	1235	2	US-08-557-309B-53	Sequence 53, Appl
16	33.4	2.4	2144	3	US-08-834-306-15	Sequence 15, Appl
17	33.4	2.4	2144	4	US-08-993-674A-15	Sequence 15, Appl
C 18	33.4	2.4	2144	4	US-09-256-976-15	Sequence 15, Appl
C 19	33	2.3	4411529	4	US-09-103-840A-1	Sequence 1, Appli
20	32.4	2.3	413	6	5496924-56	Patent No. 5496924
21	32.2	2.3	1473	1	US-08-090-013-3	Sequence 3, Appli
22	32.2	2.3	1473	1	US-08-081-328-3	Sequence 3, Appli
23	32.2	2.3	1473	1	US-08-232-249-3	Sequence 3, Appli
24	32.2	2.3	1473	2	US-08-833-642A-3	Sequence 3, Appli
25	32.2	2.3	1473	2	US-08-389-423-3	Sequence 3, Appli
26	32.2	2.3	1473	4	US-09-189-028-3	Sequence 3, Appli
C 27	32.2	2.3	2144	3	US-08-834-306-15	Sequence 15, Appl

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QY 522 AGTGACCCAGCTAGTGGCTCTTTTACC 552
Db 335717 CGCGCCGAAGACAGCGCGGCTTCCGCC 335747

RESULT 2
US-09-103-840A-1
; Sequence 1, Application US/09103840A
; Patent No. 6294328
; GENERAL INFORMATION:
; APPLICANT: FLEISCHMAN, Robert D.
; APPLICANT: WHITE, Owen R.
; APPLICANT: FRASER, Claire M.
; APPLICANT: VENTER, John C.
; TITLE OF INVENTION: DNA SEQUENCES FOR STRAIN ANALYSIS IN MYCOBACTERIUM
; FILE REFERENCE: 24366-20007.00
; CURRENT APPLICATION NUMBER: US/09/103,840A
; FILING DATE: 1998-06-24
; NUMBER OF SEQ ID NOS: 2
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 1
; LENGTH: 4411529
; TYPE: DNA
; ORGANISM: Mycobacterium tuberculosis
; OTHER INFORMATION: H37Rv
US-09-103-840A-1

Query Match 2.7%; Score 38.2; DB 4; Length 4411529;
Best Local Similarity 44.7%; Pred. No. 6.6;
Matches 148; Conservative 0; Mismatches 183; Indels 0; Gaps 0;

QY 222 CGCTGGAGCTACGCTACCTCTCTACCGCTACCTGGTGAACCGAGTGAACGTGAA 281
Db 335309 CGCGCGGACGACGCTGTGTCGCGCTTCCCGCTGGCGCGAAGACGCGCGC 335368

QY 282 GTGTCTGTGGAAACCGCTATCGCTGAGGAGCTACCGACTACGCTGTATCATCACCA 341
Db 335369 CGCGCGCGCGCGCGCGGACTCCGCGAAGCTGTGTCGCGAAGACCGCGATGCCGC 335428

QY 342 GTGTGTAACGTGCGATCACTTACACAGAGAGAGCTCTCACTTCAAGCTGGAGC 401
Db 335429 CGGTGCGCGCGCGCGAAGACGCGCGCGCGCGCGCGCGCGCGCGCGCGGAGC 335488

QY 402 TTCTACTGTACCGCTGTGCTGTGAACCGCTGGGAGGAGCTCTGACCGCTGGAAACGC 461
Db 335489 TGCGGCGCGCGCGGATCCGCGCGCGCGCGCGGTCGCGAAGACCGCGCGCGCGCG 335548

QY 462 TGCTACATCGTGGCTAGTGAACGTGGCTTGTCTACCGAAGCGCTCTGGACAGCG 521
Db 335549 CGCGCGCGCGCGCGCGGAGTGCCTGCGTTCGTAATCGCGCGCGCGCGCGCGCG 335608

QY 522 AGTGACCCAGCTAGTGGCTCTTTTACC 552
Db 335609 CGCGCGGAAGACAGCGCGGCTTCCGCC 335639

RESULT 3
US-08-943-731-1/c
; Sequence 1, Application US/08943731
; Patent No. 6265157
; GENERAL INFORMATION:
; APPLICANT: PROCKOP, DARWIN J.
; APPLICANT: SPOTILA, LORETTA D.
; APPLICANT: DELTAS, CONSTANTINOS D.
; APPLICANT: SEREDA, LARISA
; APPLICANT: LARSON, ANDREA W.
; APPLICANT: PACK, MICHAEL
; APPLICANT: COLIGE, ALAIN
; APPLICANT: EARLY, JAMES
; APPLICANT: KORKKO, JARMO
; APPLICANT: ALA-KORKKO, LENA, et al.
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DETECTING
```

APPLICANT: Vedwick, Thomas S.  
APPLICANT: Twardzik, Daniel R.  
TITLE OF INVENTION: COMPOUNDS AND METHODS FOR IMMUNOTHERAPY  
TITLE OF INVENTION: AND DIAGNOSIS OF TUBERCULOSIS  
NUMBER OF SEQUENCES: 153  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: SEED and BERRY LLP  
STREET: 6300 Columbia Center, 701 Fifth Avenue  
CITY: Seattle  
STATE: Washington  
COUNTRY: USA  
ZIP: 98104-7092

COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/818.112  
FILING DATE: 13-MAR-1997  
CLASSIFICATION: 424  
ATTORNEY/AGENT INFORMATION:  
NAME: Maki, David J.  
REGISTRATION NUMBER: 31,392  
REFERENCE/DOCKET NUMBER: 210121.411C6  
TELEPHONE: (206) 622-4900  
TELEFAX: (206) 682-6031  
INFORMATION FOR SEQ ID NO: 16:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 913 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-818-112-16

Query Match 2.6%; Score 36.2; DB 4; Length 913;  
Best Local Similarity 46.4%; Pred. No. 0.48;  
Matches 110; Conservative 1; Mismatches 126; Indels 0; Gaps 0;

QY 325 GCTGCTATCATCACCGAGTGTGTGAACGTGTCGCATCACTTCTACACGAGACGCTCCT 384

Db 653 GTTGCCACCGCGCGCGGACCCACCGTCCCGCGATCCCGCGTGGCGCGGTGCC 712

QY 385 ACCTTCAACGCTGGAGCTTCTACCTGTACCGTGTCTGTGAACCGCGTGGAGGAGCT 444

Db 713 GCCGCCATTGTGTGCTGAAGCGCTTAGCGCGGTTCCGCGGTTCCGCGGTGGCGCC 772

QY 445 CTGACCGCTGGAACGCTGTGCTACCATGTCGCTCAGTGAACGTGGCTTCTCTACCGGA 504

Db 773 NTGGCGCGCGCGCGGTGGCGTACAGCCACCGCGGTGGCGCGCATTTGCCGCGATT 832

QY 505 ACCGCTCTGGACGAGGAGTGAACCGAGTACGTGGCTTCTTACCGAGTGTGTG 561

Db 833 GCCGCCATTGCGCGGTGGCGCATTTGCCGCGTTCCCGCGCGCGCGCGGNTTG 889

RESULT 5

US-08-818-111-16

Sequence 16, Application US/08818111

Patent No. 6338852

GENERAL INFORMATION:

APPLICANT: Reed, Steven G.

APPLICANT: Skeiky, Yasir A.W.

APPLICANT: Dillon, Davin C.

APPLICANT: Campos-Neto, Antonia

APPLICANT: Houghton, Raymond

APPLICANT: Vedwick, Thomas S.

APPLICANT: Twardzik, Daniel R.

TITLE OF INVENTION: COMPOUNDS AND METHODS FOR DIAGNOSIS OF TUBERCULOSIS

NUMBER OF SEQUENCES: 148

CORRESPONDENCE ADDRESS:

ADDRESSEE: SEED and BERRY LLP

STREET: 6300 Columbia Center, 701 Fifth Avenue  
CITY: Seattle  
STATE: Washington  
COUNTRY: USA  
ZIP: 98104-7092

COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/818.111  
FILING DATE: 13-MAR-1997  
CLASSIFICATION: 424  
ATTORNEY/AGENT INFORMATION:  
NAME: Maki, David J.  
REGISTRATION NUMBER: 31,392  
REFERENCE/DOCKET NUMBER: 210121.417C6  
TELEPHONE: (206) 622-4900  
TELEFAX: (206) 682-6031  
INFORMATION FOR SEQ ID NO: 16:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 913 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-818-111-16

Query Match 2.6%; Score 36.2; DB 4; Length 913;  
Best Local Similarity 46.4%; Pred. No. 0.48;  
Matches 110; Conservative 1; Mismatches 126; Indels 0; Gaps 0;

QY 325 GCTGCTATCATCACCGAGTGTGTGAACGTGTCGCATCACTTCTACACGAGACGCTCCT 384

Db 653 GTTGCCACCGCGCGCGGACCCACCGTCCCGCGATCCCGCGTGGCGCGGTGCC 712

QY 385 ACCTTCAACGCTGGAGCTTCTACCTGTACCGTGTCTGTGAACCGCGTGGAGGAGCT 444

Db 713 GCCGCCATTGTGTGCTGAAGCGCTTAGCGCGGTTCCGCGGTTCCGCGGTGGCGCC 772

QY 445 CTGACCGCTGGAACGCTGTGCTACCATGTCGCTCAGTGAACGTGGCTTCTCTACCGGA 504

Db 773 NTGGCGCGCGCGCGGTGGCGTACAGCCACCGCGGTGGCGCGCATTTGCCGCGATT 832

QY 505 ACCGCTCTGGACGAGGAGTGAACCGAGTACGTGGCTTCTTACCGAGTGTGTG 561

Db 833 GCCGCCATTGCGCGGTGGCGCATTTGCCGCGTTCCCGCGCGCGCGGNTTG 889

RESULT 6

US-09-056-556-16

Sequence 16, Application US/09056556

Patent No. 6350456

GENERAL INFORMATION:

APPLICANT: Reed, Steven G.

APPLICANT: Skeiky, Yasir A.W.

APPLICANT: Dillon, Davin C.

TITLE OF INVENTION: COMPOUNDS AND METHODS FOR THE PREVENTION AND

NUMBER OF SEQUENCES: 241

CORRESPONDENCE ADDRESS:

ADDRESSEE: SEED and BERRY LLP

STREET: 6300 Columbia Center, 701 Fifth Avenue

CITY: Seattle

STATE: Washington

COUNTRY: USA

ZIP: 98104-7092

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.30

CORRESPONDENCE ADDRESS:

ADDRESSEE: SEED and BERRY LLP

STREET: 6300 Columbia Center, 701 Fifth Avenue

CITY: Seattle

STATE: Washington

COUNTRY: USA

ZIP: 98104-7092

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.30

CORRESPONDENCE ADDRESS:

ADDRESSEE: SEED and BERRY LLP

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; APPLICATION NUMBER: US/09/056,556
; FILING DATE: 07-APR-1998
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Maki, David J.
; REGISTRATION NUMBER: 31,392
; REFERENCE/DOCKET NUMBER: 210121.457
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (206) 622-4900
; TELEFAX: (206) 682-6031
; INFORMATION FOR SEQ ID NO: 16:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 913 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-09-056-556-16

Query Match 2.6%; Score 36.2; DB 4; Length 913;
Best Local Similarity 46.4%; Pred. No. 0.48;
Matches 110; Conservative 1; Mismatches 126; Indels 0; Gaps 0;

QY 325 GCTGTCATCATCACCAGAGTGTGAACGTGTCGCATCTTCAACAGGAAACGCTCCT 384
Db 653 GTTGCACCGCGCCCGCGGACCCACCGTCCCGCGATCCCGCGTTCGCGCGGTGCC 712
QY 385 AACTTCAACGCTGGAGCTTCTACCTGTACCGTGTGCTGTGAACCGCGTGGAGGAGCT 444
Db 713 GCGGCCATTGGTGTCTGAAGCGGTTAGCGCGGTTCCGCGGTTCCGCGGTGGCGCC 772
QY 445 CTGACCGCTGGAAACGCTGCTACCATCTGCTGCTAGTGAACCGCGTGGAGGAGCT 504
Db 773 NTGGCCGCGCGCCCGCGCGTTCGCGTACAGCCACCCCGGTGGCGCGATT 832
QY 505 ACCGCTCTGACGACGAGTGTACCGAGTACGTCGCGCTTTTCAACGAGTGTGTG 561
Db 833 GCGGCCATTGCCCGCTTGGCGGCAATGGCGCGTTCGCGCGCACCGCGGNTTG 889

RESULT 7
US-09-072-596-16
; Sequence 16, Application US/09072596
; Patent No. 6458366
; GENERAL INFORMATION:
; APPLICANT: Read, Steven G.
; APPLICANT: Skeiky, Yasir A.W.
; APPLICANT: Dillon, Davin C.
; APPLICANT: Campos-Neto, Antonia
; APPLICANT: Houghton, Raymond
; APPLICANT: Vedvick, Thomas S.
; APPLICANT: Twardzik, Daniel R.
; APPLICANT: Lodes, Michael J.
; APPLICANT: Hendrickson, Ronald C.
; TITLE OF INVENTION: COMPOUNDS AND METHODS FOR DIAGNOSIS OF TUBERCULOSIS
; NUMBER OF SEQUENCES: 350
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: SEED AND BERRY LLP
; STREET: 6300 Columbia Center, 701 Fifth Avenue
; CITY: Seattle
; STATE: Washington
; COUNTRY: USA
; ZIP: 98104-7092
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/072,596
; FILING DATE: 05-MAY-1998
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Maki, David J.
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; REGISTRATION NUMBER: 31,392
; REFERENCE/DOCKET NUMBER: 210121.417c9
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (206) 622-4900
; TELEFAX: (206) 682-6031
; INFORMATION FOR SEQ ID NO: 16:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 913 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-09-072-596-16

Query Match 2.6%; Score 36.2; DB 4; Length 913;
Best Local Similarity 46.4%; Pred. No. 0.48;
Matches 110; Conservative 1; Mismatches 126; Indels 0; Gaps 0;

QY 325 GCTGTCATCATCACCAGAGTGTGAACGTGTCGCATCTTCAACAGGAAACGCTCCT 384
Db 653 GTTGCACCGCGCCCGCGGACCCACCGTCCCGCGATCCCGCGTTCGCGCGGTGCC 712
QY 385 AACTTCAACGCTGGAGCTTCTACCTGTACCGTGTGCTGTGAACCGCGTGGAGGAGCT 444
Db 713 GCGGCCATTGGTGTCTGAAGCGGTTAGCGCGGTTCCGCGGTTCCGCGGTGGCGCC 772
QY 445 CTGACCGCTGGAAACGCTGCTACCATCTGCTGCTAGTGAACCGCGTGGAGGAGCT 504
Db 773 NTGGCCGCGCGCCCGCGCGTTCGCGTACAGCCACCCCGGTGGCGCGATT 832
QY 505 ACCGCTCTGACGACGAGTGTACCGAGTACGTCGCGCTTTTCAACGAGTGTGTG 561
Db 833 GCGGCCATTGCCCGCTTGGCGGCAATGGCGCGTTCGCGCGCACCGCGGNTTG 889

RESULT 8
US-09-613-182-10
; Sequence 10, Application US/09613182
; Patent No. 6294653
; GENERAL INFORMATION:
; APPLICANT: Mayfield, Stephen
; TITLE OF INVENTION: RNA BINDING PROTEIN AND BINDING SITE USEFUL FOR
; TITLE OF INVENTION: EXPRESSION OF RECOMBINANT MOLECULES
; FILE REFERENCE: SCR2177S
; CURRENT APPLICATION NUMBER: US/09/613,182
; CURRENT FILING DATE: 2000-07-10
; PRIOR APPLICATION NUMBER: 09/341,550
; PRIOR FILING DATE: 1999-07-13
; PRIOR APPLICATION NUMBER: PCT/US98/00840
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/035,955
; PRIOR FILING DATE: 1997-01-17
; PRIOR APPLICATION NUMBER: 60/069,400
; PRIOR FILING DATE: 1997-12-12
; NUMBER OF SEQ ID NOS: 14
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 10
; LENGTH: 2413
; TYPE: DNA
; ORGANISM: Chlamydomonas reinhardtii
; FEATURE:
; NAME/KEY: CDS
; LOCATION: (16)..(1614)
; US-09-613-182-10

Query Match 2.5%; Score 35.8; DB 4; Length 2413;
Best Local Similarity 46.0%; Pred. No. 1;
Matches 121; Conservative 0; Mismatches 142; Indels 0; Gaps 0;

QY 360 CAACTTCTACAACGAGAACGCTCTCAACTTCAACGCTGGAGCTTCTACCTGACCGCTTG 419
Db 591 CGACACCTTCAAGTCTTACCGCCCAAGACCGAGGAGCTGTTCTGCTGCAGACCAACAG 650
QY 420 TCCTGTGAACGCGCTGGGAGGAGCTCTGACCGCTGGAAACGCTGTACCATCTGCTCA 479
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Db 651 CGCCGACGTCGCCAAGCGCCGCTGGAGCGCTGGACACCGCTGCTCGTCAAGAA 710  
QY 480 GTGTAAGCTGCTTCTACCGAACCCTCTGGAGCGAGTGCACCGACTACGCT 539  
Db 711 CTTCCGCGGTGAGACCGCGCCGCTGCTGGCGCAGGACATCGACACTGACTCCCT 770  
QY 540 CGCGCTCTTCAACCGAGTGTGAAGTGTGCGCTGAACTTCTACTACAACGGAACAGG 599  
Db 771 GACCGCTTCTCAAGTCGAGAGAGATGCCCCCACCACCTGAGTTCAACAGAAAGACTC 830  
QY 600 AACACACCCCTTCAACCCCTGAA 622  
Db 831 TGACAAGATCTCAACAGCGCA 853

RESULT 9  
US-08-403-379A-2  
; Sequence 2, Application US/08403379A  
; Patent No. 5756662  
; GENERAL INFORMATION:  
; APPLICANT: Reed, Steven G.  
; TITLE OF INVENTION: COMPOUNDS AND METHODS FOR THE DETECTION  
; TITLE OF INVENTION: OF T. CRUZI INFECTION  
; NUMBER OF SEQUENCES: 9  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: SEED and BERRY LLP  
; STREET: 6300 Columbia Center, 701 Fifth Avenue  
; CITY: Seattle  
; STATE: Washington  
; COUNTRY: USA  
; ZIP: 98104-7092  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patent In Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/403,379A  
; FILING DATE: 14-MAR-1995  
; CLASSIFICATION: 435  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Maki, David J.  
; REGISTRATION NUMBER: 31,392  
; REFERENCE/DOCKET NUMBER: 210121.406  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (206) 622-4900  
; TELEFAX: (206) 682-6031  
; INFORMATION FOR SEQ ID NO: 2:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 786 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
US-08-403-379A-2

Query Match 2.4%; Score 34.2; DB 1; Length 786;  
Best Local Similarity 47.8%; Pred. No. 1.7;  
Matches 99; Conservative 0; Mismatches 108; Indels 0; Gaps 0;  
QY 156 CTACACACAGCTGCTGCTTTCGCTGGAGCTTCTACCTGTACCCCTTGTCTCTCAGAA 215  
Db 576 CAAGACCGGTGTCACCTGCGAAGGCTGCTGCACCTGCGAAGGCGGCTGCTGCACCTGC 635  
QY 216 GAAGGACGCTGGAGCTCAGCCTTAACCTCTCCCTACCCCTAACCTGTGACCCAGTAA 275  
Db 636 GAAGGCGGTACTGACCTGCGAAGGCTGCTGCACCTGCGAAGGCGGCTACTGCACC 695  
QY 276 CGTGAAGTCTCTGCTGGAACCGCTATCGCTGGAGAGCTACCGACTACGCTGCTATCAT 335  
Db 696 TCGAAGGCTGCTACTGCACTGCGAAGGCTGCTGCACCTGCGAAGGCGGCTACTGC 755  
QY 336 CACCGAGTGTGAACTGCTGCATCA 362

Db 756 ACCGTTTGAAGAAGAGCTGTTGGCAA 782  
RESULT 10  
US-08-929-414-2  
; Sequence 2, Application US/08929414  
; Patent No. 5942403  
; GENERAL INFORMATION:  
; APPLICANT: Reed, Steven G.  
; APPLICANT: Haughton, Raymond  
; APPLICANT: Skeiky, Yasar A.W.  
; TITLE OF INVENTION: COMPOUNDS AND METHODS FOR THE DETECTION  
; TITLE OF INVENTION: OF T. CRUZI INFECTION  
; NUMBER OF SEQUENCES: 15  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: SEED and BERRY LLP  
; STREET: 6300 Columbia Center, 701 Fifth Avenue  
; CITY: Seattle  
; STATE: Washington  
; COUNTRY: USA  
; ZIP: 98104-7092  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patent In Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/929,414  
; FILING DATE: 15-SEP-1997  
; CLASSIFICATION: 530  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Maki, David J.  
; REGISTRATION NUMBER: 31,392  
; REFERENCE/DOCKET NUMBER: 210121.406C1  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (206) 622-4900  
; TELEFAX: (206) 682-6031  
; INFORMATION FOR SEQ ID NO: 2:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 786 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
US-08-929-414-2  
Query Match 2.4%; Score 34.2; DB 2; Length 786;  
Best Local Similarity 47.8%; Pred. No. 1.7;  
Matches 99; Conservative 0; Mismatches 108; Indels 0; Gaps 0;  
QY 156 CTACACACAGCTGCTGCTTTCGCTGGAGCTTCTACCTGTACCCCTTGTCTCTCAGAA 215  
Db 576 CAAGACCGGTGTCACCTGCGAAGGCTGCTGCACCTGCGAAGGCGGCTGCTGCACCTGC 635  
QY 216 GAAGGACGCTGGAGCTCAGCCTTAACCTCTCCCTACCCCTAACCTGTGACCCAGTAA 275  
Db 636 GAAGGCGGTACTGACCTGCGAAGGCTGCTGCACCTGCGAAGGCGGCTACTGCACC 695  
QY 276 CGTGAAGTCTCTGCTGGAACCGCTATCGCTGGAGAGCTACCGACTACGCTGCTATCAT 335  
Db 696 TCGAAGGCTGCTACTGCACTGCGAAGGCTGCTGCACCTGCGAAGGCGGCTACTGC 755  
QY 336 CACCGAGTGTGAACTGCTGCATCA 362  
Db 756 ACCGTTTGAAGAAGAGCTGTTGGCAA 782

RESULT 11  
US-09-230-665-3  
; Sequence 3, Application US/09230665  
; Patent No. 6322595  
; GENERAL INFORMATION:  
; APPLICANT: Boyer, Stanton L

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US-09-115-446-1
Query Match          2.4%; Score 33.6; DB 4; Length 2521;
Best Local Similarity 53.9%; Pred. No. 4.6;
Matches 69; Conservative 0; Mismatches 59; Indels 0; Gaps
QY 166 GCTGCTGTTTCTGCTGCTGAGCTTCTACTGTACCCCTTGTCTCTCAGAGAGGACGCT 225
      ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Db 410 GCTGCTGCTGCTTGTGCTGCTGCTGCTGCTCATCCCGAGGATGGACAGG 351
      ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
QY 226 GGAGCTCAGCCTAACCCCTCTGCTACCGTAACTGGTGACCCAGTGTTACGTGAAGTGT 285
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Db 350 GGCACTTGGGGTCTTCATCCAAAGTCCCGCCACCCCGCAGTCATGGAAGTGCCCCAAGTGT 291
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QY 286 CTGCTGG 293
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Db 290 CCATCTTG 283

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RESULT 13
US-09-115-446-5/c
; Sequence 5, Application US/09115446
; Patent No. 6165719
; GENERAL INFORMATION:
; APPLICANT: Chandy, George K.
; APPLICANT: Gargus, Jay J.
; APPLICANT: Gutman, George
; APPLICANT: Fantino, Emmanuelle
; APPLICANT: Kalman, Katarin
; TITLE OF INVENTION: hKCA3/KCN33 SMALL CONDUCTANCE CHANNEL
; TITLE OF INVENTION: ACTIVATED POTASSIUM CHANNEL: A DIAGNOSTIC
; TITLE OF INVENTION: MARKER AND THERAPEUTIC TARGET
; FILE REFERENCE: 07306/014001
; CURRENT APPLICATION NUMBER: US/09/115,446
; CURRENT FILING DATE: 1998-07-14
; EARLIER APPLICATION NUMBER: 60/052,556
; EARLIER FILING DATE: 1997-07-15
; EARLIER APPLICATION NUMBER: 60/070,741
; EARLIER FILING DATE: 1998-01-08
; NUMBER OF SEQ ID NOS: 15
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 5
; LENGTH: 2526

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: ORGANISM: Homo sapiens
US-09-115-446-5

Query Match          2.4%; Score 33.6; DB 4; Length 2526;
Best Local Similarity 53.9%; Pred. No. 4.6; Indels 0; Gaps
Matches 69; Conservative 0; Mismatches 59;

QY 166 GCTGCTGTTTCGTGCCTGGAGCTTCTACCTGTACCCCTTGTCTCAGAGAAGGACGCT 225
      ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
Db 415 GCTGCTGCTGCTGTGTGCTGCTGCTGCTGCTGCTGCTGCTATCCCGAGAGATGCACAGG 355
      ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||

QY 226 GGAGCTAGCCCTAACCCCTCTGCTACCGCTTAACCTGGTGACCCAGTGTACAGTGAAGTGT 289
      ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
Db 355 GGCACCTGGGCTCTTCATCCCAAGTCCCCCACCCCGAGTGCATGGAAGTGCACAGAAGTGT 299
      ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||

QY 286 CCTGCTGG 293
      ||| |||
Db 295 CCATCTTG 288

RESULT 14
US-09-103-840A-2/C
; Sequence 2, Application US/09103840A
; Patent No. 6294328
; GENERAL INFORMATION:
; APPLICANT: FLEISCHMAN, Robert D.
; APPLICANT: WHITE, Owen R.
; APPLICANT: FRASER, Claire M.
; APPLICANT: VENTER, John C.

```

;; TITLE OF INVENTION: DNA SEQUENCES FOR STRAIN ANALYSIS IN MYCOBACTERIUM  
;; FILE REFERENCE: TUBERCULOSIS  
;; CURRENT APPLICATION NUMBER: 24366-20007.00  
;; CURRENT FILING DATE: US/09/103,840A  
;; NUMBER OF SEQ ID NOS: 2  
;; SOFTWARE: PatentIn Ver. 2.1  
;; SEQ ID NO 2  
;; LENGTH: 4403765  
;; TYPE: DNA  
;; ORGANISM: Mycobacterium tuberculosis  
;; FEATURE:  
;; OTHER INFORMATION: CDC 1551  
;; OTHER INFORMATION: "n" bases at various positions throughout the sequence  
;; OTHER INFORMATION: represent a, t, c or g  
US-09-103-840A-2

Query Match 2.4%; Score 33.6; DB 4; Length 4403765;  
Best Local Similarity 47.2%; Pred. No. 62;  
Matches 102; Conservative 0; Mismatches 114; Indels 0; Gaps 0;  
QY 246 TGTACCGCTAACTGCTGACCCAGTGAACGCTGAAGTCTCTGCTGGAACCGCTATCGC 305  
Db 3937151 TCCCGCGGTACCGCATGCAACTGTGCGCGGCTGCGCGCTGCCCGCGCTGCCG 3937092  
QY 306 TGGAGGAGTACCGACTACGCTGCTATCATCACCGAGTGTGTGAACCTGTCGCATCAACTT 365  
Db 3937091 CGTCGGCTCCACCTTGCCCGCGGCCACCCACCGCAGCGTTACCGCCTTGTCACCGG 3937032  
QY 366 CTACACGAGACGCTCTCACTTCAAGCTGGAGCTTCTACCTGTACCGCTTGTCTGTGT 425  
Db 3937031 ACCCGCGGGGACCGTGGCCACCGCGAGCGGTGCGGTGCGCGGTGCGCGCGCGCACCG 3936972  
QY 426 GAACCGCGTGGAGGAGCTCTGACCGCTGGAAACGC 461  
Db 3936971 CGTCGCGCGCGCGCCACCTTGACCCCGCGGTCTCCCGC 3936936

RESULT 15  
US-08-557-309B-53  
; Sequence 53, Application US/08557309B  
; Patent No. 5916572  
; GENERAL INFORMATION:  
; APPLICANT: Reed, Steven G.  
; APPLICANT: Skeiky, Yasir A.W.  
; APPLICANT: Lodes, Michael J.  
; APPLICANT: Houghton, Raymond L.  
; TITLE OF INVENTION: COMPOUNDS AND METHODS FOR THE DETECTION AND PREVENTION OF T  
; NUMBER OF SEQUENCES: 69  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: SEED and BERRY LLP  
; STREET: 6300 Columbia Center, 701 Fifth Avenue  
; CITY: Seattle  
; STATE: Washington  
; COUNTRY: USA  
; ZIP: 98104-7092  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/557,309B  
; FILING DATE: 14-NOV-1995  
; CLASSIFICATION: 435  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Makl, David J.  
; REGISTRATION NUMBER: 31,392  
; REFERENCE/DOCKET NUMBER: 210121.422  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (206) 622-4900  
; TELEFAX: (206) 682-6031  
; INFORMATION FOR SEQ ID NO: 53:

;; SEQUENCE CHARACTERISTICS:  
;; LENGTH: 1235 base pairs  
;; TYPE: nucleic acid  
;; STRANDEDNESS: single  
;; TOPOLOGY: linear  
US-08-557-309B-53  
Query Match 2.4%; Score 33.4; DB 2; Length 1235;  
Best Local Similarity 49.2%; Pred. No. 3.7;  
Matches 88; Conservative 0; Mismatches 91; Indels 0; Gaps 0;  
QY 200 CCCTTGTCTCAGAAAGAGCGCTGGAGCTCAGCCTAACCCCTCTCTGCTACCGCTAAC 259  
Db 540 CCCTGCTGACCCCGGGAAGCGCTGTGTCACCCCGGAAGGCTGCTGCTCCACCCCGGA 599  
QY 260 TGGTGACCCAGTGTAAACGTGAAGTGTCTGCTGGAAACCGCTATCGCTGGAGGAGCTACCG 319  
Db 600 AGCCCGCTGCTCCACCCGCGAAGGCTGTGCTCCACCCCGGAAGGCTGCTGCTCCACCCG 659  
QY 320 ACTACCGCTGCTATCATCACCGAGTGTGTGAAGTGTGCGCATCAACTTCTACACGAGA 378  
Db 660 CGGAGGCTGCTCTCTGCTCCCGTTGGAAAGAGCCTGGTGGCAAGAAAGTGAAGCGCGCAC 718  
Search completed: February 17, 2003, 00:57:47  
Job time : 4374.09 secs

